

WHAT IS CLAIMED IS:

1. A substrate film for an adhesive sheet comprising an elastomer resin and at least one member selected from the group consisting of a hydrophilic polymer having a tensile modulus of elasticity higher than that of the elastomer resin and inorganic fine particles having an average particle size of 15 μm or less.

2. The substrate film for an adhesive sheet as claimed in claim 1, wherein the elastomer resin is a thermoplastic block polymer.

3. The substrate film for an adhesive sheet as claimed in claim 2, wherein the elastomer resin is at least one member selected from the group consisting of polyester polyurethane, polyether polyamide, polyether polyurethane, and polyether polyester.

4. The substrate film for an adhesive sheet as claimed in claim 2, wherein the hydrophilic polymer is polyvinyl pyrrolidone.

5. The substrate film for an adhesive sheet as claimed in claim 2, wherein the hydrophilic polymer is contained in a weight proportion of hydrophilic polymer : elastomer resin = 2:98 to 40:60.

6. The substrate film for an adhesive sheet as claimed in claim 1, wherein the hydrophilic polymer is polyvinyl pyrrolidone.

7. The substrate film for an adhesive sheet as claimed in claim 1, wherein the hydrophilic polymer is contained in a weight proportion of hydrophilic polymer : elastomer resin = 2:98 to 40:60.

8. The substrate film for an adhesive sheet as claimed in

claim 1, wherein the film has a water absorption of 5 to 200%.

9. The substrate film for an adhesive sheet as claimed in claim 1, wherein a tensile modulus of elasticity of the film in a saturated water absorption state is 50% or less of a tensile modulus of elasticity in a dry state.

10. The substrate film for an adhesive sheet as claimed in claim 1, wherein the inorganic fine particles are dispersed in an amount of 8 to 100 parts by weight per 100 parts by weight of the elastomer resin.

11. The substrate film for an adhesive sheet as claimed in claim 10, wherein the elastomer resin is a thermoplastic block polymer.

12. The substrate film for an adhesive sheet as claimed in claim 11, wherein the elastomer resin is at least one member selected from the group consisting of polyester polyurethane, polyether polyamide, polyether polyurethane, and polyether polyester.

13. The substrate film for an adhesive sheet as claimed in claim 11, wherein the inorganic fine particles are zeolite or amorphous silica.

14. The substrate film for an adhesive sheet as claimed in claim 11, wherein the film has a tensile strength of 12 to 28 MPa.

15. The substrate film for an adhesive sheet as claimed in claim 10, wherein the elastomer resin is a thermoplastic block polymer.

16. The substrate film for an adhesive sheet as claimed in claim 10, wherein the inorganic fine particles are zeolite or amorphous silica.

17. An adhesive sheet comprising an adhesive layer formed on at least one surface of the substrate film for an adhesive sheet as claimed in claim 1.

18. The adhesive sheet as claimed in claim 17, wherein the sheet is used for skin adhesion.

19. An adhesive sheet comprising an adhesive layer is formed on at least one surface of the substrate film for an adhesive sheet as claimed in claim 10.

20. The adhesive sheet as claimed in claim 19, wherein the sheet is used for skin adhesion.